

**DECLARATION**

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (*if only one name is listed below*), or an original, first and joint inventor (*if plural names are listed below*), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE: CHARACTERIZATION OF PHENOTYPES BY GENE EXPRESSION PATTERNS AND CLASSIFICATION OF SAMPLES BASED THEREON**

the specification of which is attached hereto and indicates an attorney docket no. YOR920000687US1, or:

☐ was filed in the U.S. Patent & Trademark Office on \_\_\_\_\_ and assigned Serial No.,

☐ and (*if applicable*) was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37, Code of Federal Regulations § 1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, or § 119(e) of any United States provisional application(s), listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that

60/237,590	U.S.A.	3/10/00	Yes [x] No [ ]
(Application Number)	(Country)	(Day/Month/Year filed)	

			Yes [ ] No [ ]
(Application Number)	(Country)	(Day/Month/Year filed)	

I hereby claim the benefit under Title 35, U.S. Code § 120, of any United States application(s), or § 365(c), of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International applications(s) in the manner provided by the first paragraph of Title 35, U.S. Code § 112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)
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(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)
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I hereby appoint the following attorneys: **MANNY W. SCHECTER**, Reg. No. 31,722; **LAUREN BRUZZONE**, Reg. No. 35,082; **CHRISTOPHER A. HUGHES**, Reg. No. 26,914; **EDWARD A. PENNINGTON**, Reg. No. 32,588; **JOHN E. HOEL**, Reg. No. 26,279; **JOSEPH C. REDMOND, Jr.**, Reg. No. 18,753; **RICHARD M. LUDWIN**, Reg. No. 33,010; **MARC A. ERLICH**, Reg. No. 39,966; **DOUGLAS W. CAMERON**, Reg. No. 31,596; **LOUIS P. HERZBERG**, Reg. No. 41,500; **MARIAN UNDERWEISER**, Reg. No. 46,134; **STEPHEN C. KAUFMAN**, Reg. No. 29,551; **DANIEL P. MORRIS**, Reg. No. 32,053; **LOUIS J. PERCELLO**, Reg. No. 33,206; **ROBERT M. TREPP**, Reg. No. 25,933; **GAIL H. ZARICK**, Reg. No. 43,303; **ROBERT P. TASSINARI, Jr.**, Reg. No. 36,030; **PAUL J. OTTERSTEDT**, Reg. No. 37,411 and **DEREK S. JENNINGS**, Reg. No. 41,473; each of them of **INTERNATIONAL BUSINESS MACHINES CORPORATION**, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598; to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:


RYAN, MASON & LEWIS, LLP  
1300 Post Road, Suite 205  
Fairfield, CT 06430  
Tel.: (203) 255-6560

I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

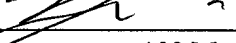
FULL NAME OF FIRST OR SOLE INVENTOR: Andrea Califano Citizenship Italy

Inventor's signature:  Date: 04/12/01  
Residence & Post Office address: 251 West 19<sup>th</sup> Street, Apt. 8C  
New York, New York 10011

FULL NAME OF SECOND JOINT INVENTOR: Gustavo A. Stolovitzky Citizenship Argentina

Inventor's signature:  Date: 03/27/01  
Residence & Post Office address: 363 West 261<sup>st</sup> Street, #1,  
Bronx, New York 10471

FULL NAME OF THIRD JOINT INVENTOR: Yuhai Tu Citizenship China

Inventor's signature:  Date: 03/02/01  
Residence & Post Office address: 102 Morningside Drive  
Ossining, New York 10562

RECEIVED

Attorney Docket No. YOR920000687US2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT(S):** Andrea Califano, Gustavo Alejandro Stolovitzky and Yuhai Tu

**SERIAL NO.:** Unassigned

**FILED:** Concurrently Herewith

**TITLE:** Characterization of Phenotypes by Gene  
Expression Patterns and Classification of  
Samples Based Thereon

**ASSOCIATE POWER OF ATTORNEY**

Please recognize **JOSEPH B. RYAN**, Reg. No. 37,922; **KEVIN M. MASON**, Reg. No. 36,597; **WILLIAM E. LEWIS**, Reg. No. 39,274; **ROBERT J. MAURI**, Reg. No. 41,180; and **WAYNE L. ELLENBOGEN**, Reg. No. 43,602; each of them of **RYAN, MASON & LEWIS, LLP**, 1300 Post Road, Suite 205, Fairfield, CT 06430 as associate attorneys in the above-mentioned application, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

Telephone calls should be made to Robert J. Mauri by dialing (203) 255-6560.

All written communications are to be sent to Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06430.

Dated: 4/24/01. -

*Lauren C. Bruzzone*  
Manny W. Schecter  
Registration No. 31,722  
Lauren C. Bruzzone  
Registration No. 35,082  
Attorney for Applicant(s)

International Business Machines Corporation  
T.J. Watson Research Center  
Route 134 and Kitchawan Road  
Yorktown Heights, New York 10598

TELEPHONE